

Note: this proposal was resubmitted and approved June 13, 2001. The revised proposal is unavailable in electronic form.

ARIC Manuscript Proposal # 788

PC Reviewed: 04/ 04/ 01

Status: D

Priority: 2

SC Reviewed: _____

Status: _____

Priority: _____

1.a. Full Title: Incidence Of CVD in African-American Diabetics: The ARIC Study

b. Abbreviated Title (Length 26 characters): CVD IN AF. AM. DIABETICS

2. Writing Group (list individual with lead responsibility first):

Lead: Ayo Adeniyi.

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3. Timeline: Analysis to begin in spring 2001.

4. Rationale:

There are few studies on the risk factors for the incidence of CVD in Diabetic African- Americans. The number of CVD events in African-American diabetics in ARIC is substantial. This study will be a Masters thesis in Epidemiology.

5. Main Hypothesis/Study Questions:

What are the associations between traditional and non-traditional risk factors and the incidence of CVD in African-Americans diabetics?

6. Data (variables, time window, source, inclusions/exclusions):

INCLUSIONS: African-American diabetics at baseline.

DEPENDENT VARIABLE: Incident CVD (CHD plus Stroke)

INDEPENDENT VARIABLES: Age, Gender, Hypertension, Cigarette smoking, Alcohol use, Physical activity, Obesity (BMI, WHR), Lipid profile(VLDL, LDL, HDL, TG, apolipoprotein a-I and b), SES (level of education, income, employment status and perhaps, access to medical care and the treatment modality for DM). Fibrinogen level, factor VIII activity, Albumin, Leukocyte count and Von-Willebrand factor.

ANALYSIS: Stratified analysis to examine CVD incidence rates and relative risks in relation to risk factors. Multivariate analysis using proportional hazards regression.

7.a. Will the data be used for non-CVD analysis in this manuscript? Yes No

b. If Yes, is the author aware that the file ICTDER02 must be used to exclude persons with a value RES_OTH = "CVD Research" for non-DNA analysis, and for DNA analysis RES_DNA = "CVD Research" would be used? Yes No

(This file ICTDER02 has been distributed to ARIC PIs, and contains the responses to consent updates related to stored sample use for research.)

8.a. Will the DNA data be used in this manuscript? Yes No

8.b. If yes, is the author aware that either DNA data distributed by the Coordinating Center must be used, or the file ICTDER02 must be used to exclude those with value RES_DNA = "No use/storage DNA"? Yes No

9. The lead author of this manuscript proposal has reviewed the list of existing ARIC Study manuscript proposals and has found no overlap between this proposal and previously approved manuscript proposals either published or still in active status. ARIC Investigators have access to the publications lists under the Study Members Area of the web site at:
<http://bios.unc.edu/units/csc/ARIC/stdy/studymem.html>

Yes No